The following listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims

1. (Previously Presented) A home gateway system for home automation and security comprising:

a wireless local loop transceiver to establish a wireless local loop point to point link to a geographically separated, non-mobile base station which is coupled to the PSTN;

a home automation controller to communicate with the wireless local loop transceiver; and

a home security controller to communicate with the wireless local loop transceiver and the home automation controller.

2. (Previously Presented) The home gateway system of claim 1, further including a smart card interface to send a plurality of instructions to the home automation controller.

3. (Original) The home gateway system of claim 1, further including a voice processing system coupled to the home security system.

4. (Original) The home gateway system of claim 3, wherein the voice processing system includes a speaker verification module.

5. (Original) The home gateway system of claim 3, wherein the voice processing system includes a speech recognition module.

6. (Previously Presented) The home gateway system of claim 1, further including a switch connecting the wireless local loop transceiver to the home security controller.

7. (Original) The home gateway system of claim 1, further including a plurality of sensors connected to the home security controller.

8. (Previously Presented) A method of operating a home gateway system for home automation and security, comprising:

receiving a request for access to home automation and security features from a user through a wireless local loop point to point link from a geographically separated non-mobile base station which is coupled to the PSTN;

performing a speaker verification of the user;

when the user is verified, allowing the user access to the home automation and security features; and

receiving a voiced instruction.

9. (Previously Presented) The method of claim 8, wherein receiving the request for access comprises:

inputting an electronic address of the home gateway system by the user;

establishing an electronic connection with the home gateway system; and

selecting the home automation and security features from a plurality of options.

10. (Previously Presented) The method of claim 9, wherein inputting the electronic address includes dialing a phone number.

11. (Previously Presented) The method of claim 9, wherein establishing the electronic connection includes setting up a wireless local loop telephony connection.

12. (Previously Presented) The method of claim 8, wherein performing the speaker verification comprises:

requesting a user to speak an access code; and

performing a speech recognition on the access code;

when the access code is recognized and belongs to a set of approved access codes, performing the speaker verification.

13. (Previously Presented) The method of claim 12, further including:

3

when the speaker verification fails, requesting a user enter a personal identification number.

14. (Previously Presented) The method of claim 8, further including:

performing a speech recognition of the voiced instruction;

converting the voiced instruction into an electronic instruction; and

sending the electronic instruction to a home automation and security controller.

15. (Previously Presented) A method of operating a home gateway system for home automation and security, comprising:

monitoring a parameter;

when the parameter exceeds a defined range, sending a message containing an electronic address to a processor;

establishing a communication link to the electronic address over a wireless local loop, wherein the wireless local loop point to point link is through a geographically separated non-mobile base station which is coupled to the PSTN; and

transmitting the message to the electronic address.

16. (Previously Presented) The method of claim 15, wherein sending the message comprises:

when the parameter is a forceful entry signal, sending the message that contains a police telephone number to the processor.

17. (Previously Presented) The method of claim 15, wherein transmitting the message comprises:

speech synthesizing a portion of the message to form an audio message; and

transmitting the audio message to the electronic address.

18. (Previously Presented) A home gateway system for home automation and security comprising:

a wireless local loop transceiver to establish a wireless local loop point to point link to a geographically separated, non-mobile base station which is coupled to the PSTN;

a switch coupled to the wireless local loop transceiver;

. a processor coupled to the switch;

a voice processing system coupled to the processor;

a router coupled to the switch;

a home automation controller coupled to the router; and

a home security controller coupled to the router.

19. (Previously Presented) A method of operating a home gateway system for home automation and security, comprising:

dialing a telephone number of the home gateway system by a user;

establishing a wireless local loop connection with the home gateway system;

selecting home automation and security features from a plurality of options;

performing a speaker verification of the user;

when the user is verified, allowing the user access to the home automation and security features;

receiving a voiced instruction to setup a home security controller in a warning mode;

monitoring a forceful entry signal;

when the forceful entry signal exceeds a defined range, sending a message containing a police telephone number to a processor;

establishing a communication link to the police telephone number over a wireless local loop; and

transmitting the message to the police telephone number.